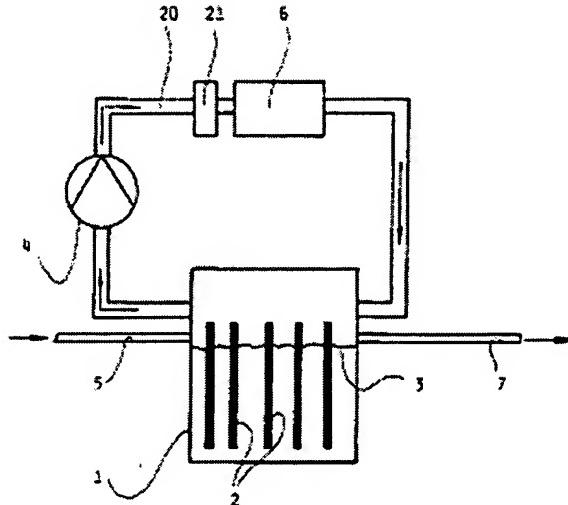


Safe disposal of hydrogen@-contg. gas-vapour mixt. from electrolyte - by air dilution of hydrogen@ below a specified amt., then catalytic combustion of hydrogen@ without ammonia redn**Patent number:** DE4136885**Publication date:** 1993-02-11**Inventor:****Applicant:****Classification:****- international:** C23F1/46; C23G1/36; C25D21/04; C25D21/16**- european:** C23F1/46**Application number:** DE19914136885 19911109**Priority number(s):** DE19914136885 19911109**Report a data error here****Abstract of DE4136885**

Gas-vapour mixtures generated from electrolyte process, e.g. regeneration of ammoniacal etchant, and contg. H₂, are disposed of by exhausting the mixture with a fan (4), after dilution to H₂ content below 4% by air dilution (5). The diluted mixture is circulated to a reaction vessel (6) for selective catalytic combustion of the H, without redn. of ammonia. The mixture is returned to the cell (1). ADVANTAGE - Safe disposal without loss of essential chemicals.



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